SECTION 5

REFERENCES

Angermeier, P. L. and J. R. Karr. 1994. Biological integrity versus biological diversity as policy directives. Protecting biotic resources. Bioscience 44(10): 690-697.

Barbour, M. T., J. B. Stribling, and J. R. Karr. 1995. Multimetric Approach for Establishing Biocriteria and Measuring Biological Condition. In: Davis, W. S. and T. P. Simon, eds., Biological Assessment and Criteria--Tools for Water Resource Planning and Decision Making. Lewis Publishers, Boca Raton, FL.

Cummins, K. W. 1988. Rapid bioassessment using functional analysis of running water invertebrates. In: T. P. Simon, L. L. Holst and L. J. Shepard (eds.). EPA -905-9-89-003. Proceedings of the First National Workshop on Biological Criteria. U.S. Environmental Protection Agency, Chicago.

Cummins, K. W. and M. A. Wilzbach. 1985. Field procedures for analysis of functional feeding groups of stream macroinvertebrates. Contribution 1611. Appalachian Environmental Research Laboratory, University of Maryland, Frostburg, Maryland.

Davis, W. S. and T. P. Simon (eds). 1995. Biological assessment and criteria: tools for water resource planning and decision making. Lewis Publishers, Boca Raton, Florida

Gibson, G. R., M. T. Barbour, J. B. Stribling, J. Gerritsen, and J. R. Karr. 1994. Biological Criteria: Technical Guidance for Streams and Small Rivers. EPA 822-B-94-001. U.S. EPA Office of Water. Washington, DC.

Hauer, F. R. and G. A. Lamberti (eds). 1996. Methods in Stream Ecology. Academic Press, San Diego.

Heiskary, S. A. and B. C. Wilson. 1989. The Regional Nature of Lake Quality Across Minnesota: An Analysis for Improving Resource Management. Division of Water Quality, MN. Pollution Control Agency. Heiskary, S. A. and Wilson, C. B. 1989. "The Regional Nature of Lake Water Quality Across Minnesota: An Analysis for Improving Resource Management," in Journal of the Minnesota Academy of Science, volume 55, Number 1, pp. 72-77.

Heiskary, S. A., B. C. Wilson, and D. P. Larsen. 1987. Analysis of regional patterns in lake water quality: Using ecoregions for lake management in Minnesota. Lake and Reservoir Management 3:337-344.

ITFM (Intergovernmental Task Force on Water Quality Monitoring). 1994a. Water Quality Monitoring in the United States--1993 Report of the Intergovernmental Task Force on Monitoring Water Quality. (Including separate volume of technical appendices). January 1994. Washington, DC.

ITFM. 1994b. The Strategy for Improving Water-Quality Monitoring in the United States--Final Report of the Intergovernmental Task Force on Monitoring Water Quality. (Including separate volume of technical appendices). Washington, DC.

Jones, B., J. Walker, K. H. Riitters, J. D. Wickham and C. Nicoll. 1996. Indicators of Landscape Integrity. In: J. Walker and D. Reurer (eds.). Indicators of Catchment Health: a Technical Perspective.

Karr, J. R., K. D. Fausch, P. L. Angermeier, P. R. Yant, and I. J. Schlosser. 1986. Assessing Biological Integrity in Running Waters: A Method and Its Rationale. Special Publication 5. Illinois Natural History Survey, Urbana, Illinois.

Maxted, J. 1996. The use of a probability-based sampling design to assess the ecological condition of Delaware streams. In: A National Symposium: Assessing the Cumulative Impact of Watershed Development on Aquatic Ecosystems and Water Quality. U.S. EPA and the Northeastern Illinois Planning Commission, March 18-21, 1996, Chicago.

Ohio Environmental Protection Agency. 1987. Biological Criteria for the Protection of Aquatic Life: Volumes I-III. Ohio EPA, Division of Water Quality Monitoring and Assessment, Surface Water Section, Columbus, Ohio.

Ohio Environmental Protection Agency. 1990. The Use of Biocriteria in the Ohio EPA Surface Water Monitoring and Assessment Program. Ohio EPA, Division of Water Quality Planning and Assessment, Ecological Assessment Section, Columbus, Ohio.

Omernik, J. M. 1987. Ecoregions of the conterminous United States. Annual Association for American Geographers 77(1):118-125.

Plafkin, J. L., M. T. Barbour, K. D. Porter, S. K. Gross, and R. M. Hughes. 1989. Rapid Bioassessment Protocols for Use in Streams and Rivers: Benthic Macroinvertebrates and Fish. EPA/444/4-89-001. Office of Water, Washington, DC.

Reckhow, K. H. and S. C. Chapra. 1983. Engineering Approaches for Lake Management (2 vols). Butterworth Publishers, Boston.

Rhode Island Sea Grant and U.S. EPA. 1994. National Directory of Volunteer Environmental Monitoring Programs. EPA 841-B-94-001. University of Rhode Island, Narragansett and EPA Office of Water, Washington, DC.

Rosenberg, D. M. and V. H. Resh. 1993. Freshwater Biomonitoring and Benthic Macroinvertebrates. Chapman and Hall, New York.

Roth, N. E., J. D. Allan, and D. L. Erickson. 1996. Landscape influences on stream biotic integrity assessed at multiple spatial scales. Landscape Ecology 11(3):141-146.

Smeltzer, E. and Heiskary, S. A. 1990. "Analysis and Applications of Lake User Survey Data," in Lake and Reservoir Management, 6(1): 109-118.

Stephen, C. E. 1995. Derivation of Conversion Factors for the Calculation of Dissolved Freshwater Aquatic Life Criteria for Metals. U.S. EPA, Environmental Research Laboratory, Duluth.

- U.S. Department of Agriculture, Forest Service, Southern Appalachian Man and the Biosphere. 1996. The Southern Appalachian Assessment Aquatics Technical Report. Report 2 of 5. Atlanta.
- U.S. EPA. 1976. Quality Criteria for Water--1976. Office of Water, Washington , DC.
- U.S. EPA. 1986. Quality Criteria for Water--1986. EPA 440/5-86-001. Office of Water, Washington, DC.
- U.S. EPA. 1987. Nonpoint Source Guidance. Office of Water, Washington, DC.
- U.S. EPA. 1990. Biological Criteria: National Program Guidance for Surface Waters. EPA 440/5-90-004. Office of Water, Washington, DC.

- U.S. EPA. 1991. Policy on the Use of Biological Assessments and Criteria in the Water Quality Program, Office of Water. Washington, DC.
- U.S. EPA. 1991. Technical Support Document for Water Quality-Based Toxics Decisions. EPA 505/2-90-001. Office of Water, Washington, DC.
- U.S. EPA. 1991. Guidance for Water Quality-Based Decisions: The TMDL Process. EPA 440/4-91-001. Office of Water, Washington, DC.
- U.S. EPA. 1992. Guidance for Assessing Chemical Contaminant Data for Use in Fish Advisories, Vol 1: Fish Sampling and Analysis. EPA 823-R-93-002. Office of Science and Technology, Washington, DC.
- U.S. EPA. 1993. Technical and Economic Capacity of States and Public Water Systems to Implement Drinking Water Regulations Report to Congress. EPA 810-R-93-001, September 1993. Washington, DC.
- U.S.EPA. 1993. Guidance Specifying Management Measures for Sources of Nonpoint Pollution in Coastal Waters. EPA 840-B-92-002. Office of Wetlands, Oceans and Watersheds, Washington, DC.
- U.S. EPA and NOAA. 1993. Coastal Nonpoint Pollution Control Program--Program Development and Approval Guidance. EPA Office of Wetlands, Oceans and Watersheds, Washington, DC.
- U.S. EPA. 1994a. Guidance for the Data Quality Objectives Process. EPA QA/G-4. Washington, DC.
- U.S.EPA. 1994b. Draft. Guidance on Lake and Reservoir Bioassessment and Biocriteria. Office of Wetlands, Oceans and Watersheds, Washington, DC.
- U.S. EPA. 1995a. Knowing Your Waters: Tribal Reporting Under Section 305(b). EPA 841B-95-003. Office of Wetlands, Oceans and Watersheds, Washington, DC.
- U.S. EPA. 1995b. WBS96 Users Guide. Office of Wetlands, Oceans and Watersheds, Washington, DC.

Yoder et al. 1994. Determining the Comparability of Bioassessments. Intergovernmental Task Force on Water Quality Monitoring, Washington, DC.

Zucker, L. A. and D. A. White. 1996. Spatial modeling of aquatic biocriteria relative to riparian and upland characteristics. In: Watershed '96, A National Conference on Watershed Management, Baltimore, Maryland. Water Environment Federation.